Engineering and Testing for EMC and Safety Compliance

FCC CERTIFICATION OF A

CLASS B DIGITAL DEVICE

NMB Technologies, Inc.
9730 Independence Ave.
Chatsworth, CA 91311
818-341-3355

MODEL: RT3604

FCC ID: AQ6-3604

August 28, 2000

Standards Referenced for this Report	
Part 2: 1999	Frequency Allocations and Radio Treaty Matters; General Rules and Regulations
Part 15: 1999	§15.109: Radiated Emissions Limits
ANSI C63.4-1992	Standard Format Measurement/Technical Report Personal Computer and Peripherals

FCC Rules Parts	Frequency Range	Output Power (W)	Freq. Tolerance	Emission Designator
15(b)				

REPORT PREPARED BY:

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1 GENERAL INFORMATION

The following FCC Certification for a Class B Digital Device is prepared for ***NMB Technologies, Inc.*** in accordance with Part 2, and Part 15, Subparts A and B of the Federal Communications Commission's rules and regulations. The equipment under test (EUT) was the ***RT3604; FCC ID: AQ6-3604***. The test results reported in this document relate only to the item that was tested.

All measurements contained in this report were conducted in accordance with ANSI C63.4 Methods of Measurement of Radio Noise Emissions, 1992. The instrumentation utilized for the measurements conforms with the ANSI C63.4 standard for EMI and Field Strength Instrumentation. Some accessories are used to increase sensitivity and prevent overloading of the measuring instrument. These are explained in the appendix of this report. Calibration checks are performed regularly on the instruments, and all accessories including the high pass filter, preamplifier and cables.

All radiated and conducted emissions measurement were performed manually at Rhein Tech Laboratories, Inc. The radiated emissions measurements required by the rules were performed on the three meter, open field test range maintained by Rhein Tech Laboratories, Inc., 360 Herndon Parkway, Suite 1400, Herndon, Virginia 20170. Complete description and site attenuation measurement data has been placed on file with the Federal Communications Commission. The power line conducted emission measurements were performed in a shielded enclosure also located at the Herndon, Virginia facility. Rhein Tech, Labs, Inc. is accepted by the FCC as a facility available to do measurement work for others on a contract basis.

1.1 Related Submittals & Grants

This is an original application for certification.

1.2 Modifications

Modifications were not made while testing.

1.3 Test Methodology

Both conducted and radiated testing were performed according to the procedures in ANSI C63.4 1992. Radiated testing was performed at an antenna to EUT distance of three meters.

1.4 Test Facility

The open area test site and conducted measurement facility used to collect the radiated data is located on the parking lot of Rhein Tech Laboratories, Inc. 360 Herndon Parkway, Suite 1400, Herndon, Virginia 20170. This site has been fully described in a report dated June 24, 1996, submitted to and approved by the Federal Communications Commission to perform AC line conducted and radiated emissions testing (ANSI C63.4 1992).